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IEPR Commissioner Workshop on Role of Hydrogen in California's Clean Energy Future

Panel 1: Fuels & Transportation Division's Hydrogen Infrastructure Projects

Jane Berner
June 21, 2022



Fuels and Transportation Division Investments in H2 Infrastructure

Clean Transportation Program Activity/Solicitation	Funding for H2 Projects
Hydrogen Refueling Infrastructure for Light-Duty FCEVs	\$252 million (entire program)
Renewable Hydrogen Production	\$17 million
Advanced Freight Vehicle Infrastructure Deployment	\$8 million
Zero-Emission Transit Fleet Infrastructure Deployment	\$16 million
Zero-Emission Drayage Truck and Infrastructure Pilot Project (Joint project with California Air Resources Board)	\$10 million
Hydrogen Fuel Cell Demonstrations in Rail and Marine Applications at Ports (H2RAM) (Joint project with ERDD)	\$4 million
EnergIIZE - Hydrogen Funding Lane	\$17 million



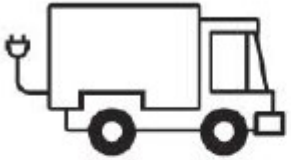
Hydrogen Refueling Stations

- Executive Order B-48-18 set the goal of achieving 200 hydrogen refueling stations by 2025.
- 59 stations opened; 177 stations planned





2021-23 Zero Emission Investments Including Hydrogen (beyond AB 8 allocation)



\$690M

Medium and Heavy-Duty
Zero-Emission Vehicles
and Infrastructure

(battery-electric and hydrogen fuel cell)

AND

- \$27 million to “close the gap” to 200 stations from General Funds
- Hydrogen investments possible within
 - ZEV Manufacturing (\$243.8 million)
 - Zero and Near Zero Carbon Fuel Production Supply (\$25 million)